

Run on: June 11, 2006, 18:32:52 ; Search time 1129 Seconds
(without alignments)
5514.808 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893

Sequence: 1 gtcagtcagtcgtctc.....aaaaaaaaaaaaaaaa 893

Scoring table: GAPOP 10.0 / Gapext 1.0
IDENTITY NUC

Searched: 5244920 seqs, 3486124231 residues
Total number of hits satisfying chosen parameters: 10489840

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : N_GeneSeq_8:*

- 1: geneeqn1980s:*
- 2: geneeqn1990s:*
- 3: geneeqn2000s:*
- 4: geneeqn2001as:*
- 5: geneeqn2001bs:*
- 6: geneeqn2002as:*
- 7: geneeqn2002bs:*
- 8: geneeqn2003as:*
- 9: geneeqn2003bs:*
- 10: geneeqn2003cs:*
- 11: geneeqn2003ds:*
- 12: geneeqn2004as:*
- 13: geneeqn2004bs:*
- 14: geneeqn2005s:*
- 15: geneeqn2006s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

Summary

No.	Score	Match	Length	DB	ID	Description
RESULT 1						
ID	AAZ65101	standard;	CDNA;	893	BP.	
DE	Membrane-bound protein PRO1185	encoding	CDNA.			
PN	W0963086-A2.					
PD	09-DEC-1999.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 3;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 2						
ID	AAF44247	standard;	CDNA;	893	BP.	
DE	Human PRO1185 (UNQ599)	nucleotide	sequence	SEQ ID NO:400.		
PN	W0200073454-A1.					
PD	07-DEC-2000.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 5;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 3						
ID	ABK40266	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185	polypeptide.				
PN	W0200153486-A1.					
PD	26-JUL-2001.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 6;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 4						
ID	ACA64426	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein PRO1185	CDNA.				
PN	US2003003531-A1.					
PD	02-JAN-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 5						
ID	ABX80885	standard;	CDNA;	893	BP.	
DE	Human secreted/transmembrane protein	CDNA, #161.				
PN	US2003027162-A1.					
PD	06-FEB-2003.					

Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 6						
ID	ACD44394	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185	polypeptide.				
PN	US2002127576-A1.					
PD	12-SEP-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 7						
ID	ABX79565	standard;	CDNA;	893	BP.	
DE	Human secreted/transmembrane protein	CDNA, #161.				
PN	US2002142961-A1.					
PD	03-OCT-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 8						
ID	ACA93586	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein	PRO1185	CDNA.			
PN	US2003022187-A1.					
PD	30-JAN-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 9						
ID	ABX81268	standard;	DNA;	893	BP.	
DE	Novel human secreted or transmembrane protein	PRO1345	DNA.			
PN	US2003027985-A1.					
PD	06-FEB-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 10						
ID	ACA93084	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein	PRO1185	CDNA.			
PN	US2003017476-A1.					
PD	23-JUN-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 11						
ID	ABX17168	standard;	CDNA;	893	BP.	
DE	Human PRO polynucleotide	#125.				
PN	US2002123463-A1.					
PD	05-FEB-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 8;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 12						
ID	ACA68023	standard;	CDNA;	893	BP.	
DE	Novel human secreted and transmembrane protein	PRO1185	CDNA.			
PN	US2002177164-A1.					
PD	28-NOV-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 9;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 13						
ID	ACA88472	standard;	CDNA;	893	BP.	
DE	Human secreted and transmembrane polypeptide	PRO1185	CDNA.			
PN	US2002197615-A1.					
PD	26-DEC-2002.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 9;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 14						
ID	ACD81979	standard;	CDNA;	893	BP.	
DE	CDNA encoding human PRO1185	polypeptide.				
PN	US2003017981-A1.					
PD	23-JAN-2003.					
PA	(GETH) GENENTECH INC.					
Query Match	100.0%;	Score	893;	DB 9;	Length	893;
Best Local Similarity	100.0%;	Pred. No.	1.2e-182;			
RESULT 15						
ID	ADA37911	standard;	CDNA;	893	BP.	
DE	Human cDNA encoding secreted/transmembrane protein	PRO1185.				

FN US2003008297-A1.
PD 09-JAN-2003.
PA (GETH) GENENTECH, INC.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 16
ID ADA21597 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane polypeptide PRO1185.
FN US2003054404-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 17
ID ADA10384 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein, PRO1185.
FN US2003059831-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 18
ID ADA17928 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
FN US2003054987-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 19
ID ADA28036 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003054359-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 20
ID ADA94616 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003059832-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 21
ID ADA38841 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003059780-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 22
ID ADA92962 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003060407-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 23
ID AC65540 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003044806-A1.
PD 06-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 24
ID ADA22523 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane polypeptide PRO1185.
FN US2003040473-A1.
PD 27-FEB-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 25
ID AC939530 standard; cDNA; 893 BP.
DE Human cDNA encoding PRO1345.
FN US2003017982-A1.
PD 23-JAN-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;

Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 26
ID ADA06689 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane PRO polypeptide cDNA #125.
FN US2003049638-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 27
ID ADA39382 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003059782-A1.
PD 27-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 28
ID ADA96408 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
FN US2003054403-A1.
PD 20-MAR-2003.
Query Match 100.0%; Score 893; DB 9; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 29
ID ADC57880 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
FN US2003027754-A1.
PD 06-FEB-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 30
ID ADC55244 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
FN US2003045463-A1.
PD 06-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 31
ID ADC12111 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003049681-A1.
PD 13-MAR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 32
ID ADC56533 standard; cDNA; 893 BP.
DE Human PRO polynucleotide #125.
FN US2003064375-A1.
PD 03-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 33
ID ADC07588 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003068647-A1.
PD 10-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 34
ID ADC11578 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
FN US2003069403-A1.
PD 10-APR-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 35
ID ADC14700 standard; cDNA; 893 BP.
DE Novel human secreted and transmembrane protein PRO1185 cDNA.
FN US2003082546-A1.
PD 01-MAY-2003.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 36

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ID ADD08232 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2003068623-A1.  
PD 10-APR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 37  
ID ADD082057 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003083461-A1.  
PD 01-MAY-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 38  
ID ADD07699 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2002193299-A1.  
PD 19-DEC-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 39  
ID ADD082590 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003059833-A1.  
PD 27-MAR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 40  
ID ADD08770 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2003073090-A1.  
PD 17-APR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 41  
ID ADD07019 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2002193300-A1.  
PD 19-DEC-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 42  
ID ADD083266 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003059783-A1.  
PD 27-MAR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 43  
ID ADD55373 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003077593-A1.  
PD 24-APR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 44  
ID ADD56331 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003077594-A1.  
PD 24-APR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 45  
ID ADD54769 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2002132253-A1.  
PD 19-SEP-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 46  
ID ADE26923 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2003087304-A1.  
PD 08-MAY-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 47  
ID ADE26390 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2003087305-A1.  
PD 08-MAY-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 48  
ID ADF67327 standard; cDNA; 893 BP.  
DE Human PRO1185 nucleotide sequence SEQ ID NO:400.  
PN US2002198148-A1.  
PD 26-DEC-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 49  
ID ADI35581 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003050457-A1.  
PD 13-MAR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 50  
ID ADI37306 standard; cDNA; 893 BP.  
DE Human tumour therapy associated PRO1185 cDNA.  
PN US2003211096-A1.  
PD 13-NOV-2003.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 51  
ID ADI00074 standard; cDNA; 893 BP.  
DE Novel human secreted and transmembrane protein PRO1185 cDNA.  
PN US2003049682-A1.  
PD 13-MAR-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 52  
ID ABEX77969 standard; cDNA; 893 BP.  
DE Human PRO polynucleotide #125.  
PN US2003027163-A1.  
PD 06-FEB-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 53  
ID ABEX80381 standard; cDNA; 893 BP.  
DE Novel human secreted or transmembrane protein PRO1345 DNA.  
PN US2002132252-A1.  
PD 19-SEP-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 54  
ID ACA69287 standard; cDNA; 893 BP.  
DE Human cDNA encoding secreted/transmembrane protein PRO1185.  
PN US2003032023-A1.  
PD 13-FEB-2003.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;  
RESULT 55  
ID ABEX90358 standard; cDNA; 893 BP.  
DE Human secreted/transmembrane protein cDNA, #161.  
PN US2002160364-A1.  
PD 31-OCT-2002.  
PA (GETH ) GENENTECH INC.  
Query Match  
Best Local Similarity 100.0%; Score 893; DB 10; Length 893;  
PRED. NO. 1.2e-182;
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RESULT 56
ID ABX64204 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2002103125-A1.
PD 01-AUG-2002.
PA (GETH) GENENTECH LTD.
Query Match 100.0%; Score 893; DB 10; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 57
ID ADF35526 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2003194760-A1.
PD 16-OCT-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 58
ID ADG11776 standard; cDNA; 893 BP.
DE cDNA encoding human PRO1185 polypeptide.
PN US2003228655-A1.
PD 11-DEC-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 59
ID ADH19646 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003228656-A1.
PD 11-DEC-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 60
ID ADG68230 standard; cDNA; 893 BP.
DE Human PRO polypeptide cDNA #13.
PN US2003170228-A1.
PD 11-SEP-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 61
ID ADH21139 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003224358-A1.
PD 04-DEC-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 62
ID ADH20179 standard; cDNA; 893 BP.
DE Human cDNA encoding secreted/transmembrane protein PRO1185.
PN US2003219856-A1.
PD 27-NOV-2003.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 12; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 63
ID AEA38620 standard; cDNA; 893 BP.
DE Human secreted/transmembrane protein cDNA, #194.
PN US2005112725-A1.
PD 26-MAY-2005.
Query Match 100.0%; Score 893; DB 14; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 893; DB 14; Length 893;
Best Local Similarity 100.0%; Pred. No. 1.2e-182;
RESULT 64
ID AAH98464 standard; cDNA; 867 BP.
DE Human EST-derived coding sequence SEQ ID NO: 321.
PN WO200154477-A2.
PD 02-AUG-2001.
PA (HYSE-) HYSEQ INC.
Query Match 95.7%; Score 855; DB 4; Length 867;
Best Local Similarity 99.4%; Pred. No. 1.9e-174;
RESULT 65
ID AAH99257 standard; cDNA; 867 BP.
DE Human protein encoding cDNA sequence SEQ ID NO:92.

PN WO200153455-A2.
PD 26-JUL-2001.
PA (HYSE-) HYSEQ INC.
Query Match 95.7%; Score 855; DB 4; Length 867;
Best Local Similarity 99.4%; Pred. No. 1.9e-174;
RESULT 66
ID ADF90726 standard; DNA; 1397 BP.
DE Human hepatic-fibrosis disease marker SEQ ID 188.
PN JP2003259877-A.
PD 16-SEP-2003.
PA (SUMU) SUMITOMO SEIYAKU KK.
Query Match 95.6%; Score 853.4; DB 10; Length 1397;
Best Local Similarity 99.9%; Pred. No. 4.7e-174;
RESULT 67
ID AAX97680 standard; DNA; 884 BP.
DE Extended human secreted protein coding sequence, SEQ ID NO. 245.
PN WO9931236-A2.
PD 24-JUN-1999.
PA (GEST) GENSET.
Query Match 94.5%; Score 843.6; DB 2; Length 884;
Best Local Similarity 96.1%; Pred. No. 5.4e-172;
RESULT 68
ID ADP18947 standard; cDNA; 884 BP.
DE Human secreted polynucleotide #203.
PN US2004110939-A1.
PD 10-JUN-2004.
PA (GEST) GENSET SA.
Query Match 94.5%; Score 843.6; DB 12; Length 884;
Best Local Similarity 96.1%; Pred. No. 5.4e-172;
RESULT 69
ID ADE77184 standard; cDNA; 875 BP.
DE Human cDNA differentially expressed in a liver disorder #261.
PN US2003108871-A1.
PD 12-JUN-2003.
PA (KASE/) KASER M R.
Query Match 94.4%; Score 843.4; DB 12; Length 875;
Best Local Similarity 99.4%; Pred. No. 5.9e-172;
RESULT 70
ID ADQ84720 standard; cDNA; 812 BP.
DE Human tumour-associated antigenic target (TAT) cDNA sequence #1534.
PN WO2004060270-A2.
PD 22-JUL-2004.
PA (GETH) GENENTECH INC.
PA (WUTD/) WU T D.
PA (ZHOU/) ZHOU Y.
Query Match 90.6%; Score 808.8; DB 12; Length 812;
Best Local Similarity 99.8%; Pred. No. 1.7e-164;
RESULT 71
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DE Human secreted protein encoding cDNA.
PN WO2002102993-A2.
PD 27-DEC-2002.
PA (HUMA-) HUMAN GENOME SCI INC.
Query Match 84.5%; Score 754.6; DB 8; Length 989;
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ID ADB91189 standard; cDNA; 989 BP.
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PN WO2003004622-A2.
PD 16-JAN-2003.
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Query Match 84.5%; Score 754.6; DB 9; Length 989;
Best Local Similarity 88.9%; Pred. No. 8.3e-153;
RESULT 73
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PN WO2002102994-A2.
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GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: June 11, 2006, 18:20:52 ; Search time 309 Seconds

(without alignments)
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Post-processing: Minimum Match 0%

Maximum Match 100%

Database : Listing first 1500 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	893	100.0	893	3	US-09-992-598-400
5	893	100.0	893	4	US-09-989-735-400
6	893	100.0	893	5	US-09-989-726-400
7	893	100.0	893	5	US-09-997-514-400
8	893	100.0	893	5	US-09-989-728-400
9	893	100.0	893	5	US-09-997-349-400
10	893	100.0	893	5	US-09-997-653-400
11	893	100.0	893	5	US-09-989-293A-400
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13	704	78.8	990	3	US-09-369-247-16
14	704	78.8	990	3	US-10-062-548-16
15	701.4	78.5	707	3	US-09-799-451-35
16	528.8	57.2	708	3	US-09-799-451-36
17	512.2	57.4	1372	3	US-09-976-584-869
18	142.6	16.0	298	3	US-09-621-976-17767
19	56.4	6.3	1926	3	US-09-249-585A-2
20	56.4	6.3	1926	3	US-09-410-399-3
21	56.4	6.3	2580	3	US-09-050-863-2
22	56.4	6.3	2580	3	US-09-359-081-2
23	56.4	6.3	5452	2	US-09-130-114-1

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25	56.4	6.3	9600	3	US-08-910-647-1	Sequence 1, Appl
26	56.4	6.3	9600	3	US-09-620-925-1	Sequence 1, Appl
27	56.4	6.3	10596	2	US-07-884-811-15	Sequence 15, Appl
28	56.4	6.3	10596	2	US-07-885-971-15	Sequence 15, Appl
29	56.4	6.3	10596	2	US-08-087-783A-15	Sequence 15, Appl
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33	56.4	6.3	16080	3	US-09-724-566A-48	Sequence 48, Appl
34	56.4	6.3	16080	3	US-09-471-669A-48	Sequence 48, Appl
35	51.8	5.8	1065	3	US-09-976-594-833	Sequence 83, Appl
36	51.6	5.8	7218	2	US-08-232-463-14	Sequence 14, Appl
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42	49	5.5	3275	3	US-09-854-133-151	Sequence 151, App
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55	48.2	5.4	184	3	US-09-621-976-16096	Sequence 16096, A
56	48.2	5.4	288	3	US-09-621-976-12893	Sequence 1893, A
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68	47.6	5.3	1558	2	US-08-850-392-2	Sequence 2, Appl
69	47.4	5.3	882	3	US-09-311-021-107	Sequence 107, App
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73	47.2	5.3	1450	4	US-09-880-107-3741	Sequence 3741, Ap
74	47	5.3	289	3	US-09-621-976-10009	Sequence 10009, A
75	47	5.3	336	3	US-09-621-976-16581	Sequence 16581, A
76	47	5.3	1525	3	US-09-461-325-110	Sequence 110, App
77	47	5.3	1525	3	US-10-012-542-110	Sequence 110, App
78	47	5.3	1525	3	US-10-115-123-110	Sequence 110, App
79	47	5.3	1949	3	US-09-461-325-26	Sequence 26, Appl
80	47	5.3	1949	3	US-10-012-542-26	Sequence 26, Appl
81	47	5.3	1949	3	US-10-115-123-26	Sequence 26, Appl
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85	46.8	5.2	972	3	US-09-997-333-358	Sequence 358, App
86	46.8	5.2	972	3	US-09-992-598-358	Sequence 358, App
87	46.8	5.2	972	4	US-09-989-735-358	Sequence 358, App
88	46.8	5.2	972	5	US-09-989-726-358	Sequence 358, App
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91	46.8	5.2	972	5	US-09-997-349-358	Sequence 358, App
92	46.8	5.2	972	5	US-09-997-653-358	Sequence 358, App
93	46.8	5.2	972	5	US-09-989-293A-358	Sequence 358, App
94	46.8	5.2	1080	3	US-09-482-273-58	Sequence 58, Appl
95	46.8	5.2	2135	4	US-09-880-107-2412	Sequence 2412, Ap
96	46.6	5.2	1214	3	US-09-780-177-28	Sequence 28, Appl

97	46.6	5.2	1722	3	US-09-482-273-102	Sequence 102, App	170	45.4	5.1	1866	3	US-10-004-860-66	Sequence 66, Appl
98	46.6	5.2	1844	3	US-10-012-231A-83	Sequence 83, Appl	171	45.4	5.1	1971	3	US-09-942-336A-2	Sequence 2, Appl
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101	46.6	5.2	1844	3	US-10-015-671A-83	Sequence 83, Appl	174	45.4	5.1	7065	3	US-09-874-923-115	Sequence 115, App
102	46.6	5.2	1844	3	US-10-015-393A-83	Sequence 83, Appl	175	45.2	5.1	237	3	US-09-621-976-10277	Sequence 10277, A
103	46.6	5.2	1844	3	US-10-011-833A-83	Sequence 83, Appl	176	45.2	5.1	261	3	US-09-621-976-18330	Sequence 18330, A
104	46.6	5.2	1844	3	US-10-006-041A-83	Sequence 83, Appl	177	45.2	5.1	276	3	US-09-621-976-10380	Sequence 10380, A
105	46.6	5.2	1844	3	US-10-012-064A-83	Sequence 83, Appl	178	45.2	5.1	276	3	US-09-621-976-18329	Sequence 18329, A
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107	46.6	5.2	1844	5	US-10-011-795B-83	Sequence 83, Appl	180	45.2	5.1	1121	3	US-10-040-416-5	Sequence 5, Appl
108	46.6	5.2	1844	5	US-10-015-386A-83	Sequence 83, Appl	181	45.2	5.1	1917	3	US-09-614-912-173	Sequence 173, App
109	46.6	5.2	1844	5	US-10-012-121A-83	Sequence 83, Appl	182	45.2	5.1	2405	2	US-08-454-097-10	Sequence 30, Appl
110	46.6	5.2	1844	5	US-10-006-485A-83	Sequence 83, Appl	183	45.2	5.1	2405	2	US-08-185-339-30	Sequence 30, Appl
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112	46.6	5.2	1844	5	US-10-012-752A-83	Sequence 83, Appl	185	45.2	5.1	3437	3	US-08-860-339-17	Sequence 17, Appl
113	46.6	5.2	1844	5	US-10-017-253A-83	Sequence 83, Appl	186	45.2	5.1	3437	3	US-09-573-629-17	Sequence 17, Appl
114	46.6	5.2	1844	5	US-10-015-519A-83	Sequence 83, Appl	187	45.2	5.1	3437	3	US-10-208-349-17	Sequence 17, Appl
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116	46.6	5.2	1844	5	US-10-007-235A-83	Sequence 83, Appl	189	45.2	5.1	6200	3	US-09-711-202A-1	Sequence 1, Appl
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126	46.2	5.2	1525	3	US-09-587-436-4	Sequence 4, Appl	199	45	5.0	289	3	US-09-007-005-17	Sequence 17, Appl
127	46.2	5.2	1525	3	US-08-927-165A-4	Sequence 4, Appl	200	45	5.0	289	3	US-09-244-796-17	Sequence 17, Appl
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129	46.2	5.2	2026	5	US-10-062-831-30	Sequence 30, Appl	202	45	5.0	826	3	US-09-227-357-102	Sequence 102, App
130	46.2	5.2	2857	3	US-09-949-016-13076	Sequence 13076, A	203	45	5.0	826	3	US-09-973-278-12	Sequence 72, Appl
131	46.2	5.2	106380	3	US-10-131-827-8418	Sequence 8418, Ap	204	45	5.0	2017	3	US-09-291-922-12	Sequence 21, Appl
132	46	5.2	290	5	US-10-131-827-8418	Sequence 8418, Ap	205	45	5.0	2379	4	US-10-036-041-71	Sequence 71, Appl
133	46	5.2	290	5	US-09-010-147B-5	Sequence 5, Appl	206	45	5.0	300598	3	US-09-949-016-11868	Sequence 11868, A
134	46	5.2	550	3	US-10-144-923-48	Sequence 48, Appl	207	45	5.0	302604	3	US-09-949-016-14588	Sequence 14588, A
135	46	5.2	660	3	US-10-001-887-14	Sequence 14, Appl	208	45	5.0	302604	3	US-09-949-016-14589	Sequence 14589, A
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138	46	5.2	1964	3	US-09-909-474D-1	Sequence 1, Appl	211	44.8	5.0	157	3	US-09-621-976-16781	Sequence 16781, A
139	46	5.2	2059	5	US-10-117-766A-1	Sequence 1, Appl	212	44.8	5.0	190	3	US-09-621-976-16784	Sequence 16784, A
140	46	5.2	2059	5	US-09-799-875-7	Sequence 7, Appl	213	44.8	5.0	240	4	US-09-880-107-11452	Sequence 11452, Ap
141	46	5.2	2389	3	US-08-665-259-24	Sequence 24, Appl	214	44.8	5.0	317	4	US-09-991-181-407	Sequence 407, App
142	46	5.2	5894	3	US-08-762-500-24	Sequence 24, Appl	215	44.8	5.0	570	3	US-09-990-444-407	Sequence 407, App
143	46	5.2	5894	3	US-08-762-500-74	Sequence 74, Appl	216	44.8	5.0	570	3	US-09-997-514-407	Sequence 407, App
144	46	5.2	6525	3	US-08-984-429-701	Sequence 701, App	217	44.8	5.0	570	3	US-09-997-333-407	Sequence 407, App
145	46	5.2	37925	5	US-08-446-111D-15	Sequence 15, Appl	218	44.8	5.0	570	3	US-09-992-598-407	Sequence 407, App
146	46	5.2	40352	3	US-09-949-016-14091	Sequence 14091, A	219	44.8	5.0	570	4	US-09-989-735-407	Sequence 407, App
147	46	5.2	40352	3	US-09-949-016-15094	Sequence 15094, A	220	44.8	5.0	570	5	US-09-989-726-407	Sequence 407, App
148	46	5.2	209210	2	US-08-308-883-1	Sequence 1, Appl	221	44.8	5.0	570	5	US-09-989-726-407	Sequence 407, App
149	46	5.2	857	2	US-08-730-163-1	Sequence 1, Appl	222	44.8	5.0	570	5	US-09-997-349-407	Sequence 407, App
150	45.8	5.1	857	2	US-08-236-799-1	Sequence 1, Appl	223	44.8	5.0	570	5	US-09-997-653-407	Sequence 407, App
151	45.8	5.1	857	2	US-08-462-437-1	Sequence 1, Appl	224	44.8	5.0	570	5	US-09-989-293A-407	Sequence 293A-407
152	45.8	5.1	857	3	US-08-894-273-1	Sequence 1, Appl	225	44.8	5.0	832	3	US-09-152-060-27	Sequence 27, App
153	45.8	5.1	1091	3	US-08-351-473B-1	Sequence 1, Appl	226	44.8	5.0	832	3	US-09-852-797-27	Sequence 27, App
154	45.8	5.1	2000	2	US-09-949-016-14033	Sequence 14033, A	227	44.8	5.0	832	3	US-09-853-161-27	Sequence 27, App
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162	45.6	5.1	33207	2	US-09-230-371A-20	Sequence 20, Appl	235	44.8	5.0	2575	3	US-09-716-129-47	Sequence 47, Appl
163	45.6	5.1	33207	3	US-09-032-684-8	Sequence 8, Appl	236	44.8	5.0	2584	3	US-10-040-884-1	Sequence 1, Appl
164	45.6	5.1	334	2	US-09-644-460-8	Sequence 8, Appl	237	44.8	5.0	728	3	US-09-091-097-5	Sequence 3, Appl
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167	45.4	5.1					240	44.6	5.0				
168	45.4	5.1					241	44.6	5.0				
169	45.4	5.1					242	44.6	5.0				

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: June 12, 2006, 18:46:35 ; Search time 5408 Seconds
(without alignments)
10559.365 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893
Sequence: 1 gtcacgcagcgcgcgcctc.....aaaaaaaaaaaaaaaaaaaaa 893

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 6366136 seqs, 31973710525 residues

Total number of hits satisfying chosen parameters: 12732272

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 1500 summaries

Database :

GenEmbl:*
1: gb_env:*
2: gb_pat:*
3: gb_ph:*
4: gb_pl:*
5: gb_pr:*
6: gb_ro:*
7: gb_sfr:*
8: gb_sy:*
9: gb_un:*
10: gb_vl:*
11: gb_ov:*
12: gb_hcg:*
13: gb_in:*
14: gb_cm:*
15: gb_da:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	ID	Description
1	893	100.0	CS243799	Sequence
2	893	100.0	CS256819	Sequence
3	893	100.0	CS257077	Sequence
4	893	100.0	AR252643	Sequence
5	893	100.0	AR693533	Sequence
6	893	100.0	AR706085	Sequence
7	893	100.0	AR757458	Sequence
8	893	100.0	AR758958	Sequence
9	893	100.0	AR776272	Sequence
10	893	100.0	AX201346	Sequence
11	893	100.0	AX403513	Sequence
12	893	100.0	AY358356	Sequence
13	893	100.0	AR271350	Sequence
14	893	100.0	BD139386	Sequence
15	893	100.0	AR531761	Sequence
16	893	100.0	BD131101	Sequence
17	893	100.0	CS132580	Sequence
18	893	100.0	AR339755	Sequence

19	704	78.8	990	2	AR702987	Sequence
20	701.4	78.5	707	2	AR577859	Sequence
21	673.4	75.4	691	2	BD139285	Sequence
22	557.4	62.4	910	2	CQ724321	Sequence
23	528.8	59.2	708	2	AR577860	Sequence
24	512.2	57.4	1372	2	AR448186	Sequence
25	466.4	49.0	906	6	BC051501	Sequence
26	437.4	45.2	801	6	BC038127	Sequence
27	422.4	47.3	798	6	BC024408	Sequence
28	302.4	33.9	545	2	CQ101810	Sequence
29	302.4	33.9	545	2	CQ140796	Sequence
30	302.4	33.9	545	2	CQ176577	Sequence
31	302.4	33.9	545	2	CQ224093	Sequence
32	302.4	33.9	545	2	CQ262088	Sequence
33	302.4	33.9	545	2	CQ299237	Sequence
34	302.4	33.9	545	2	CQ336255	Sequence
35	302.4	33.9	545	2	AC011472	Sequence
36	271	29.0	290	2	BD075910	Sequence
37	260.8	29.2	21677	12	AC171393	Sequence
38	252.8	28.3	219026	12	AC144655	Sequence
39	242.4	27.1	261	2	CQ118844	Sequence
40	242.4	27.1	261	2	CQ153717	Sequence
41	242.4	27.1	261	2	CQ186427	Sequence
42	242.4	27.1	261	2	CQ236978	Sequence
43	242.4	27.1	261	2	CQ274582	Sequence
44	242.4	27.1	261	2	CQ311637	Sequence
45	242.4	27.1	261	2	CQ348902	Sequence
46	229.2	25.7	191921	12	AC175656	Sequence
47	220.4	24.7	236017	12	AC150437	Sequence
48	181.4	20.3	193799	6	AC166992	Sequence
49	181.4	20.3	214893	12	AC151972	Sequence
50	181.4	20.3	215105	12	AC073717	Sequence
51	169.8	19.0	196306	12	AC128932	Sequence
52	169.8	19.0	208109	12	AC097166	Sequence
53	169.8	19.0	325888	12	AC119556	Sequence
54	142.6	16.0	298	2	AX986964	Sequence
55	142.6	16.0	298	2	BD121823	Sequence
56	142.6	16.0	298	2	AR426270	Sequence
57	126.6	16.0	298	2	AR426270	Sequence
58	66.6	7.5	190728	12	AC150155	Sequence
59	65	7.3	125244	12	AC150093	Sequence
60	65	7.3	230167	12	AC150046	Sequence
61	65	7.3	275036	12	AC150059	Sequence
62	59	6.6	217522	6	AC117639	Sequence
63	57.6	6.5	272545	12	AC090533	Sequence
64	57.2	6.4	154896	12	AC110481	Sequence
65	56.6	6.3	1364	5	BC039540	Sequence
66	56.4	6.3	1150	10	HS4ULIR3	Sequence
67	56.4	6.3	1497	6	BC087038	Sequence
68	56.4	6.3	1926	2	AR217866	Sequence
69	56.4	6.3	1926	2	AR254714	Sequence
70	56.4	6.3	1926	2	AX107940	Sequence
71	56.4	6.3	2580	2	AR108994	Sequence
72	56.4	6.3	5452	2	AR083151	Sequence
73	56.4	6.3	5452	8	U02454	Sequence
74	56.4	6.3	8705	2	BD225380	Sequence
75	56.4	6.3	8705	2	AR349578	Sequence
76	56.4	6.3	9482	2	CQ829527	Sequence
77	56.4	6.3	9482	2	CS000580	Sequence
78	56.4	6.3	9600	2	A92665	Sequence
79	56.4	6.3	9600	2	AR158345	Sequence
80	56.4	6.3	9600	2	AR211207	Sequence
81	56.4	6.3	10285	2	AX551315	Sequence
82	56.4	6.3	10285	2	AX552015	Sequence
83	56.4	6.3	10330	2	CQ789661	Sequence
84	56.4	6.3	10477	2	CQ789659	Sequence
85	56.4	6.3	10516	2	CQ789657	Sequence
86	56.4	6.3	10561	2	CQ789655	Sequence
87	56.4	6.3	10561	2	CQ789655	Sequence
88	56.4	6.3	10561	2	CQ789655	Sequence
89	56.4	6.3	10561	2	CQ789655	Sequence
90	56.4	6.3	10561	2	CQ789655	Sequence
91	56.4	6.3	10561	2	CQ789655	Sequence

92	56.4	6.3	10850	8	U02455	U02455 Cloning vec	165	52.2	5.8	2010	2	BD270044	BD270044 Secreted
93	56.4	6.3	10921	2	C0789658	C0789658 Sequence	166	52.2	5.8	75512	5	AL138882	AL138882 Human DNA
94	56.4	6.3	10961	2	C0789656	C0789656 Sequence	167	52.2	5.8	238811	12	AC098197	AC098197 Rattus no
95	56.4	6.3	11006	2	C0789654	C0789654 Sequence	168	52	5.8	1712	11	BC065340	BC065340 Dantio rer
96	56.4	6.3	11059	2	C0789683	C0789683 Sequence	169	52	5.8	1958	14	BTU87265	BTU87265 Bos taurus
97	56.4	6.3	11200	2	CS188740	CS188740 Sequence	170	52	5.8	2000	2	AX655393	AX655393 Sequence
98	56.4	6.3	11687	2	CS188739	CS188739 Sequence	171	52	5.8	2692	6	AY438023	AY438023 Mus muscu
99	56.4	6.3	12374	2	CS188738	CS188738 Sequence	172	52	5.8	2699	2	CO801991	CO801991 Sequence
100	56.4	6.3	12802	2	CS188741	CS188741 Sequence	173	52	5.8	2699	6	BC018242	BC018242 Mus muscu
101	56.4	6.3	12977	2	CS188737	CS188737 Sequence	174	51.8	5.8	317	2	C0671800	C0671800 Sequence
102	56.4	6.3	16080	2	AR404205	AR404205 Sequence	175	51.8	5.8	1065	11	AF401291	AF401291 Gallus ga
103	56.4	6.3	17753	2	C0790449	C0790449 Sequence	176	51.8	5.8	4158	11	BC090579	BC090579 Xenopus t
104	56.4	6.3	22960	8	AY192024	AY192024 BAC cloni	177	51.6	5.8	1076	11	BC082639	BC082639 Xenopus t
105	56.4	6.3	171570	6	AL807807	AL807807 Mouse DNA	178	51.6	5.8	1347	6	BC098184	BC098184 Mus muscu
106	56.4	6.3	171657	10	AY961628	AY961628 Human her	179	51.6	5.8	1347	6	BC098184	BC098184 Mus muscu
107	56.4	6.3	171823	10	HHV507799	HHV507799 Human her	180	51.6	5.8	7218	2	I66494	I66494 Sequence
108	56.4	6.3	172281	10	EBV	EBV	181	51.6	5.8	7218	2	I66494	I66494 Sequence
109	56.4	6.3	184113	10	HS4B95BRAJ	HS4B95BRAJ	182	51.6	5.8	222905	11	AX025258	AX025258 Homo sapi
110	56.2	6.3	212092	6	CP000088_29	Continuation (30 o	183	51.6	5.8	222905	6	AC102626	AC102626 Mus muscu
111	56	6.3	212092	6	AC107828	AC107828 Mus muscu	184	51.6	5.8	225685	12	CT025710	CT025710 Mus muscu
112	55.8	6.2	186202	6	AC125319	AC125319 Mus muscu	185	51.4	5.8	1860	5	BC036762	BC036762 Homo sapi
113	55.8	6.2	200242	6	CT010565	CT010565 Mouse DNA	186	51.4	5.8	2032	5	AK027204	AK027204 Homo sapi
114	55.8	6.2	256158	6	AC118627	AC118627 Mus muscu	187	51.4	5.8	2421	14	BC112771	BC112771 Bos tauru
115	55.6	6.2	125020	6	AF429315	AF429315 Homo sapi	188	51.4	5.8	2630	5	AK027086	AK027086 Homo sapi
116	55.4	6.2	82400	6	AC090495	AC090495 Genomic s	189	51.4	5.8	2849	5	AK025258	AK025258 Homo sapi
117	55.4	6.2	220046	6	AC124587	AC124587 Mus muscu	190	51.4	5.8	167881	12	AC079909	AC079909 Homo sapi
118	55	6.2	183474	12	AC153103	AC153103 Sus scrofa	191	51.4	5.8	189541	12	AC101785	AC101785 Mus muscu
119	54.8	6.1	176486	6	BC084349	BC084349 Xenopus t	192	51.2	5.7	1550	6	BC024556	BC024556 Mus muscu
120	54.6	6.1	176486	6	AC162290	AC162290 Mus muscu	193	51.2	5.7	1573	5	BC011186	BC011186 Homo sapi
121	54.6	6.1	193168	6	AC102574	AC102574 Mus muscu	194	51.2	5.7	1746	11	BC057744	BC057744 Xenopus t
122	54.6	6.1	215745	6	AC117585	AC117585 Mus muscu	195	51.2	5.7	1770	5	BC000677	BC000677 Homo sapi
123	54.6	6.1	215819	6	AC158219	AC158219 Mus muscu	196	51.2	5.7	2688	6	BC021912	BC021912 Mus muscu
124	54.6	6.1	224985	6	AC160465	AC160465 Mus muscu	197	51.2	5.7	2740	5	BC053595	BC053595 Homo sapi
125	54.6	6.1	231023	12	AC102598	AC102598 Mus muscu	198	51.2	5.7	4237	2	BD057918	BD057918 Secreted
126	54.2	6.1	125020	5	AF429315	AF429315 Homo sapi	199	51.2	5.7	152842	6	AC156500	AC156500 Mus muscu
127	54.2	6.1	261474	12	AC094196	AC094196 Rattus no	200	51.2	5.7	157571	6	BC153117	BC153117 Mouse DNA
128	54	6.0	194611	6	AC138622	AC138622 Mus muscu	201	51.2	5.7	187758	6	AC165278	AC165278 Mus muscu
129	53.8	6.0	692	6	BC082339	BC082339 Mus muscu	202	51.2	5.7	207408	12	AC068618	AC068618 Homo sapi
130	53.8	6.0	1519	6	BC031844	BC031844 Homo sapi	203	51	5.7	141	2	AX977902	AX977902 Sequence
131	53.8	6.0	163916	6	AC141887	AC141887 Mus muscu	204	51	5.7	141	2	BD112761	BD112761 EST and e
132	53.8	6.0	168752	6	AC138118	AC138118 Mus muscu	205	51	5.7	141	2	AR417208	AR417208 Sequence
133	53.4	6.0	172457	6	AC102398	AC102398 Mus muscu	206	51	5.7	488	2	CO527061	CO527061 Sequence
134	53.4	6.0	1444	11	BC061413	BC061413 Xenopus t	207	51	5.7	1260	11	BC066636	BC066636 Dantio rer
135	53.2	6.0	1665	14	BC102226	BC102226 Bos tauru	208	51	5.7	1260	11	BC066636	BC066636 Dantio rer
136	53	5.9	2070	6	BC051437	BC051437 Mus muscu	209	51	5.7	2071	11	BC070021	BC070021 Dantio rer
137	53	5.9	156787	12	AC034141	AC034141 Homo sapi	210	51	5.7	2091	12	BD176856	BD176856 A method
138	52.8	5.9	1405	14	BC103327	BC103327 Bos tauru	211	51	5.7	97839	12	AC141520	AC141520 Rattus no
139	52.8	5.9	1561	5	BC042077	BC042077 Homo sapi	212	51	5.7	144527	6	AC174642	AC174642 Mus muscu
140	52.8	5.9	1785	11	AB117093	AB117093 Cynops en	213	51	5.7	165592	6	AC123020	AC123020 Mus muscu
141	52.8	5.9	1795	5	BC009439	BC009439 Homo sapi	214	51	5.7	183341	6	AC161039	AC161039 Mus muscu
142	52.8	5.9	190884	6	AC154623	AC154623 Mus muscu	215	51	5.7	194303	6	AC154296	AC154296 Mus muscu
143	52.8	5.9	200574	6	BX005304	BX005304 Mouse DNA	216	51	5.7	222820	6	AC161170	AC161170 Mus muscu
144	52.6	5.9	224198	12	AC106674	AC106674 Rattus no	217	51	5.7	225005	12	AC133418	AC133418 Rattus no
145	52.6	5.9	1175	5	BC084577	BC084577 Homo sapi	218	51	5.7	240781	6	AC152062	AC152062 Mus muscu
146	52.6	5.9	124244	6	AL929026	AL929026 Mouse DNA	219	51	5.7	240931	12	AC107097	AC107097 Rattus no
147	52.6	5.9	160237	12	AC149093	AC149093 Pan trogl	220	50.8	5.7	1487	11	BC084234	BC084234 Xenopus t
148	52.6	5.9	161309	5	AC100839	AC100839 Homo sapi	221	50.8	5.7	2270	5	HSM80232	HSM80232 Homo sapi
149	52.6	5.9	168884	6	AC159106	AC159106 Mus muscu	222	50.8	5.7	144576	5	AC141057	AC141057 Homo sapi
150	52.6	5.9	178620	6	AC121865	AC121865 Mus muscu	223	50.8	5.7	144577	5	AC023824	AC023824 Homo sapi
151	52.6	5.9	186404	6	AC169630	AC169630 Mus muscu	224	50.8	5.7	156331	5	AC092133	AC092133 Homo sapi
152	52.6	5.9	194387	6	AC105989	AC105989 Mus muscu	225	50.8	5.7	157092	6	AL805911	AL805911 Mouse DNA
153	52.6	5.9	201355	6	AC116769	AC116769 Mus muscu	226	50.8	5.7	159610	12	AC012137	AC012137 Homo sapi
154	52.6	5.9	203950	6	AC163638	AC163638 Mus muscu	227	50.8	5.7	161641	5	AC109464	AC109464 Homo sapi
155	52.6	5.9	230387	12	AC051622	AC051622 Mus muscu	228	50.8	5.7	182209	5	AL357060	AL357060 Human DNA
156	52.4	5.9	1840	11	BC074643	BC074643 Xenopus t	229	50.8	5.7	184521	5	AC164661	AC164661 Pan trogl
157	52.4	5.9	2654	6	BC051254	BC051254 Mus muscu	230	50.8	5.7	190584	12	AC148540	AC148540 Homo sapi
158	52.4	5.9	165197	5	HSAC02070	HSAC02070 Human BAC	231	50.8	5.7	203879	12	AC160921	AC160921 Saemir b
159	52.4	5.9	177100	12	AC112388	AC112388 Rattus no	232	50.8	5.7	214480	5	AC125394	AC125394 Homo sapi
160	52.4	5.9	178933	5	AL591479	AL591479 Human DNA	233	50.8	5.7	237913	12	AC094676	AC094676 Rattus no
161	52.4	5.9	246774	12	AC095078	AC095078 Rattus no	234	50.8	5.7	276049	12	AC091414	AC091414 Rattus no
162	52.4	5.9	259720	12	AC094497	AC094497 Rattus no	235	50.6	5.7	436	2	CO503829	CO503829 Sequence
163	52.2	5.8	780	6	BC083141	BC083141 Mus muscu	236	50.6	5.7	436	2	CO512635	CO512635 Sequence
164	52.2	5.8	1764	5	AK025426	AK025426 Homo sapi	237	50.6	5.7	775	14	BC103417	BC103417 Bos tauru

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: June 12, 2006, 18:52:26 ; Search time 1468 Seconds
(without arguments)

7474.699 Million cell updates/sec

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Perfect score: 893
Sequence: 1 gtcatgccagtgctgctc.....aaaaaaaaaaaaaaaaaaaaa 893
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Scoring table: IDENTITY_NUC

Searched: 18892170 seqs, 6143817638 residues

Total number of hits satisfying chosen parameters: 37784340

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 1500 summaries

Database : Published Applications_NA Main:*

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- 2: /EMC_Celerra_S1DS3/ptocdata/2/pubnpa/US07_PUBCOMB.seq.*
- 3: /EMC_Celerra_S1DS3/ptocdata/2/pubnpa/US09_PUBCOMB.seq.*
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- 16: /EMC_Celerra_S1DS3/ptocdata/2/pubnpa/US11D_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query	Match	Length	DB	ID	Description
	27	893	100.0	893	3	US-09-597-428-400	Sequence 400, Appl	
	72	893	100.0	893	7	US-10-810-951-25	Sequence 25, Appl	
	73	893	100.0	893	7	US-10-811-884-25	Sequence 25, Appl	
	74	893	100.0	893	7	US-10-811-858-25	Sequence 25, Appl	
	76	893	100.0	893	10	US-10-950-317-400	Sequence 400, Appl	
	77	855	95.7	867	8	US-10-926-115-92	Sequence 92, Appl	
	78	843.6	94.5	884	5	US-09-878-360A-203	Sequence 203, Appl	
	79	843.6	94.5	884	5	US-09-878-360A-203	Sequence 203, Appl	
	80	843.4	94.4	875	3	US-09-819-039-349	Sequence 349, Appl	
	81	704	78.8	990	6	US-10-562-548-16	Sequence 16, Appl	
	82	704	78.8	990	9	US-10-918-446-16	Sequence 16, Appl	
	83	704	78.8	990	13	US-11-002-755-16	Sequence 16, Appl	
	84	704	78.8	990	13	US-11-002-756-16	Sequence 16, Appl	
	85	701.4	78.5	707	8	US-10-302-172-35	Sequence 35, Appl	
	86	673.4	75.4	691	3	US-09-878-360A-102	Sequence 102, Appl	
	87	573.4	75.4	691	5	US-09-878-360A-102	Sequence 102, Appl	
	88	594.4	66.6	1022	8	US-10-829-160-36	Sequence 36, Appl	
	89	528.8	59.2	709	8	US-10-302-172-36	Sequence 36, Appl	

C	90	302.4	23.9	545	3	US-09-864-786-7973	Sequence 7973, App
C	91	266.6	22.9	890	7	US-10-006-285-215	Sequence 215, App
C	92	242.4	27.1	261	3	US-09-864-761-24667	Sequence 2467, App
C	93	221	25.9	555	4	US-09-925-065A-44536	Sequence 44536, A
C	94	221	25.9	555	4	US-09-925-065A-44537	Sequence 44537, A
C	95	221	25.9	555	5	US-09-925-065A-44536	Sequence 44536, A
C	96	221	25.9	555	5	US-09-925-065A-44537	Sequence 44537, A
C	97	231	25.9	555	12	US-10-301-480-145774	Sequence 145774, A
C	98	231	25.9	555	12	US-10-301-480-145775	Sequence 145775, A
C	99	231	25.9	555	12	US-10-301-480-759183	Sequence 759183, A
C	100	231	25.9	555	12	US-10-301-480-759184	Sequence 759184, A
C	101	230.6	25.8	555	4	US-09-925-065A-44534	Sequence 44534, A
C	102	230.6	25.8	555	4	US-09-925-065A-44535	Sequence 44535, A
C	103	230.6	25.8	555	5	US-09-925-065A-44534	Sequence 44534, A
C	104	230.6	25.8	555	5	US-09-925-065A-44535	Sequence 44535, A
C	105	230.6	25.8	555	12	US-10-301-480-145772	Sequence 145772, A
C	106	230.6	25.8	555	12	US-10-301-480-145773	Sequence 145773, A
C	107	230.6	25.8	555	12	US-10-301-480-759181	Sequence 759181, A
C	108	230.6	25.8	555	12	US-10-301-480-759182	Sequence 759182, A
C	109	206	23.1	526	7	US-10-029-386-101140	Sequence 10140, App
C	110	176.6	19.8	287	7	US-10-006-285-89	Sequence 89, App
C	111	149.4	16.7	287	9	US-10-425-115-18329	Sequence 18329, App
C	112	112.4	12.6	128	7	US-10-029-386-22840	Sequence 22840, App
C	113	97.2	10.9	368	7	US-09-983-965-4822	Sequence 4822, App
C	114	56.4	6.3	387	3	US-09-960-352-3404	Sequence 3404, App
C	115	56.4	6.3	1926	7	US-10-294-804-3	Sequence 3, App
C	116	56.4	6.3	1926	6	US-10-194-046-3	Sequence 3, App
C	117	56.4	6.3	8705	9	US-10-1291-2320-14	Sequence 14, App
C	118	56.4	6.3	8705	8	US-10-291-249-14	Sequence 14, App
C	119	56.4	6.3	8705	8	US-10-273-678-16	Sequence 16, App
C	120	56.4	6.3	9482	10	US-10-888-861-4	Sequence 4, App
C	121	56.4	6.3	9600	7	US-10-278-751-1	Sequence 1, App
C	122	56.4	6.3	10233	7	US-10-050-898-283	Sequence 283, App
C	123	56.4	6.3	10285	7	US-10-050-902-253	Sequence 283, App
C	124	56.4	6.3	10330	8	US-10-656-269-24	Sequence 22, App
C	125	56.4	6.3	10477	8	US-10-656-269-22	Sequence 22, App
C	126	56.4	6.3	10516	8	US-10-656-269-20	Sequence 20, App
C	127	56.4	6.3	10561	8	US-10-656-269-18	Sequence 18, App
C	128	56.4	6.3	10615	8	US-10-656-269-45	Sequence 45, App
C	129	56.4	6.3	10714	8	US-10-656-269-23	Sequence 23, App
C	130	56.4	6.3	10921	8	US-10-656-269-21	Sequence 21, App
C	131	56.4	6.3	10961	8	US-10-656-269-19	Sequence 19, App
C	132	56.4	6.3	11006	8	US-10-656-269-17	Sequence 17, App
C	133	56.4	6.3	11056	8	US-10-656-269-46	Sequence 46, App
C	134	56.4	6.3	11924	8	US-10-678-816-7	Sequence 7, App
C	135	56.4	6.3	12242	8	US-10-678-816-6	Sequence 6, App
C	136	56.4	6.3	16080	13	US-11-090-866-48	Sequence 48, App
C	137	56.4	6.3	16080	13	US-11-089-917-48	Sequence 48, App
C	138	56.4	6.3	16080	13	US-11-069-318-48	Sequence 48, App
C	139	56.4	6.3	16080	13	US-11-090-872-48	Sequence 48, App
C	140	56.4	6.3	16080	13	US-11-090-872-48	Sequence 48, App
C	141	56	6.3	517	9	US-10-425-115-53473	Sequence 53473, App
C	142	55.4	6.2	30191	11	US-10-425-115-53473	Sequence 53473, App
C	143	53.6	6.0	316	8	US-10-424-599-59389	Sequence 6311, App
C	144	52.8	5.9	1877	6	US-10-007-399-2	Sequence 3999, App
C	145	52.8	5.9	1877	9	US-10-789-695-1	Sequence 2, App
C	146	51.8	5.8	235	9	US-10-425-115-17565	Sequence 17565, App
C	147	51.8	5.8	317	8	US-10-242-535A-16726	Sequence 16726, A
C	148	51.8	5.8	317	8	US-10-085-783A-16726	Sequence 16726, A
C	149	51.8	5.8	805	10	US-10-644-765-36	Sequence 36, App
C	150	51.8	5.8	940	10	US-10-773-236-49	Sequence 49, App
C	151	51.4	5.8	462	3	US-09-918-985-15578	Sequence 15578, App
C	152	51.2	5.7	2339	3	US-10-264-049-556	Sequence 556, App
C	153	51.2	5.7	4237	3	US-09-745-763-20	Sequence 56, App
C	154	51	5.7	300	9	US-10-425-115-152075	Sequence 152075, App
C	155	51	5.7	358	9	US-10-425-115-152075	Sequence 152075, App
C	156	51	5.7	488	9	US-10-357-930-58928	Sequence 58928, App
C	157	51	5.7	2091	7	US-10-172-118-152	Sequence 152, App
C	158	51	5.7	2091	8	US-10-342-887-152	Sequence 152, App
C	159	51	5.7	2091	10	US-10-376-333A-19	Sequence 19, App
C	160	50.8	5.7	477	8	US-10-437-963-5721	Sequence 5721, App
C	161	50.8	5.7	1836	9	US-10-739-930-5097	Sequence 3097, App
C	162	50.6	5.7	436	9	US-10-357-930-55696	Sequence 55696, App

C 163	50.6	5.7	436	9	US-10-357-930-44502	Sequence 44502, A	235	48.8	5.5	461	3	US-09-918-995-15443	Sequence 15443, A
C 164	50.6	5.7	830	9	US-10-357-930-14591	Sequence 14591, A	237	48.8	5.5	601	3	US-09-925-302-225	Sequence 225, App
C 165	50.4	5.6	433	8	US-10-437-963-24050	Sequence 24050, A	238	48.8	5.5	601	3	US-09-925-302-225	Sequence 225, App
C 166	50.2	5.6	190	9	US-10-357-930-56836	Sequence 56836, A	239	48.8	5.5	667	9	US-10-425-115-70593	Sequence 70593, A
C 167	50.2	5.6	1339	9	US-10-425-115-111746	Sequence 111746, A	240	48.8	5.5	1249	6	US-10-012-542-128	Sequence 128, App
C 168	50.2	5.6	1277	8	US-10-437-963-95579	Sequence 95579, A	241	48.8	5.5	1249	6	US-10-115-123-128	Sequence 128, App
C 169	50.2	5.6	1430	3	US-09-925-300-673	Sequence 673, App	242	48.8	5.5	1249	6	US-10-800-834-128	Sequence 128, App
C 170	50.2	5.6	2036	10	US-10-996-217A-8	Sequence 673, App	243	48.8	5.5	1260	6	US-10-012-542-93	Sequence 93, App
C 171	50	5.6	166	8	US-10-424-5354-53823	Sequence 53823, A	244	48.8	5.5	1260	6	US-10-115-123-93	Sequence 93, App
C 172	50	5.6	166	8	US-10-085-783A-53823	Sequence 53823, A	245	48.8	5.5	1260	8	US-10-800-834-93	Sequence 93, App
C 173	50	5.6	356	10	US-10-773-236-153	Sequence 153, App	246	48.8	5.5	1733	8	US-10-424-599-78400	Sequence 78400, A
C 174	50	5.6	400	7	US-10-282-596-25	Sequence 25, App	247	48.8	5.5	1904	16	US-11-158-212-1	Sequence 1, App
C 175	50	5.6	531	9	US-10-425-115-181362	Sequence 181362, App	248	48.8	5.5	1904	16	US-09-925-301-594	Sequence 594, App
C 176	50	5.6	1400	10	US-10-956-157-7673	Sequence 7673, App	249	48.8	5.5	2021	7	US-10-264-049-519	Sequence 519, App
C 177	50	5.6	2135	9	US-10-264-237-884	Sequence 884, App	250	48.8	5.5	2189	9	US-10-425-115-129564	Sequence 129564, App
C 178	50	5.6	3354	9	US-10-425-115-158032	Sequence 158032, App	251	48.8	5.5	2355	16	US-10-104-047-229	Sequence 229, App
C 179	50	5.6	3509	10	US-10-956-157-2438	Sequence 2438, App	252	48.8	5.5	2355	16	US-11-072-512-229	Sequence 229, App
C 180	49.8	5.6	392	3	US-09-960-352-13003	Sequence 13003, App	253	48.8	5.5	2608	8	US-09-154-750A-75	Sequence 75, App
C 181	49.8	5.6	979	12	US-10-301-480-576808	Sequence 576808, App	254	48.8	5.5	2608	8	US-10-319-908-4	Sequence 4, App
C 182	49.8	5.6	979	12	US-10-301-480-1190217	Sequence 1190217, App	255	48.8	5.5	2608	8	US-10-755-889-612	Sequence 612, App
C 183	49.8	5.6	1519	9	US-10-425-115-48526	Sequence 48526, App	256	48.8	5.5	2683	10	US-10-756-149-311	Sequence 311, App
C 184	49.8	5.6	17977	15	US-11-121-086-106	Sequence 106, App	257	48.8	5.5	2683	10	US-10-947-249-20	Sequence 20, App
C 185	49.6	5.6	201	9	US-10-357-930-58283	Sequence 58283, A	258	48.8	5.5	2703	8	US-10-319-908-12	Sequence 12, App
C 186	49.6	5.6	341	9	US-10-425-115-77243	Sequence 77243, A	259	48.8	5.5	334462	10	US-10-426-011-1	Sequence 1, App
C 187	49.6	5.6	569	3	US-09-764-877-903	Sequence 903, App	260	48.6	5.4	340	9	US-10-425-115-17381	Sequence 73381, A
C 188	49.6	5.6	843	7	US-10-242-515-903	Sequence 903, App	261	48.6	5.4	410	9	US-10-425-115-16531	Sequence 16531, A
C 189	49.6	5.6	1614	3	US-09-925-298-1178	Sequence 5578, App	262	48.6	5.4	436	8	US-10-424-599-7496	Sequence 7496, App
C 190	49.6	5.6	1614	3	US-09-925-298-1178	Sequence 178, App	263	48.6	5.4	1073	15	US-11-053-185-15	Sequence 15, App
C 191	49.6	5.6	1614	3	US-10-102-806-178	Sequence 178, App	264	48.6	5.4	1384	8	US-10-287-971-97	Sequence 97, App
C 192	49.6	5.6	2227	9	US-10-786-720-29	Sequence 29, App	265	48.6	5.4	1597	8	US-10-287-971-97	Sequence 99, App
C 193	49.6	5.6	2227	9	US-10-756-149-244	Sequence 244, App	266	48.6	5.4	2340	8	US-10-433-802-10	Sequence 30, App
C 194	49.6	5.6	2775	6	US-10-161-521A-3	Sequence 3, App	267	48.6	5.4	2608	3	US-09-739-254-16	Sequence 16, App
C 195	49.6	5.6	9025608	7	US-10-156-761-1	Sequence 1, App	268	48.6	5.4	2608	3	US-09-904-615-16	Sequence 16, App
C 196	49.4	5.5	219	9	US-10-357-930-60860	Sequence 60860, A	269	48.6	5.4	2608	6	US-10-054-988-16	Sequence 16, App
C 197	49.4	5.5	290	8	US-10-437-963-44641	Sequence 44641, A	270	48.6	5.4	5130	9	US-10-425-115-28545	Sequence 28545, A
C 198	49.4	5.5	472	3	US-09-918-995-15956	Sequence 15956, A	271	48.6	5.4	9447	7	US-10-311-455-1140	Sequence 1140, App
C 199	49.4	5.5	541	5	US-09-925-065A-821830	Sequence 821830, App	272	48.6	5.4	10328	7	US-10-311-455-1140	Sequence 1518, App
C 200	49.4	5.5	541	5	US-09-925-065A-821830	Sequence 821830, App	273	48.4	5.4	316	9	US-10-425-115-149491	Sequence 149491, App
C 201	49.4	5.5	729	10	US-10-956-157-2836	Sequence 2836, App	274	48.4	5.4	527	4	US-09-925-065A-502462	Sequence 502462, App
C 202	49.4	5.5	729	10	US-10-956-157-8071	Sequence 8071, App	275	48.4	5.4	527	4	US-09-925-065A-502462	Sequence 502462, App
C 203	49.4	5.5	938	4	US-09-925-065A-76592	Sequence 76592, A	276	48.4	5.4	1428	6	US-10-102-349-1	Sequence 1, App
C 204	49.4	5.5	938	4	US-09-925-065A-76592	Sequence 76592, A	277	48.4	5.4	1759	6	US-10-219-065-5	Sequence 5, App
C 205	49.4	5.5	938	12	US-10-301-480-177831	Sequence 177831, App	278	48.4	5.4	2875	7	US-10-184-648-9	Sequence 9, App
C 206	49.4	5.5	938	12	US-10-301-480-791240	Sequence 791240, App	279	48.4	5.4	2875	7	US-10-184-648-9	Sequence 9, App
C 207	49.4	5.5	3011	10	US-10-947-249-80	Sequence 80, App	280	48.4	5.4	3050	9	US-10-425-115-158034	Sequence 30, App
C 208	49.4	5.5	3039	6	US-09-925-298-238	Sequence 238, App	281	48.2	5.4	553	7	US-10-047-021-10	Sequence 30, App
C 209	49.4	5.5	3039	6	US-10-102-806-238	Sequence 238, App	282	48.2	5.4	553	10	US-10-935-290-1	Sequence 30, App
C 210	49.2	5.5	358	8	US-10-424-599-52765	Sequence 52765, A	283	48.2	5.4	553	10	US-10-970-493-30	Sequence 30, App
C 211	49.2	5.5	403	9	US-10-425-115-8064	Sequence 8064, App	284	48.2	5.4	667	13	US-11-111-953-34	Sequence 34, App
C 212	49.2	5.5	413	3	US-09-918-995-7802	Sequence 7802, App	285	48.2	5.4	815	9	US-10-723-860-1151	Sequence 7151, App
C 213	49.2	5.5	525	9	US-10-425-115-130292	Sequence 130292, App	286	48.2	5.4	892	9	US-10-425-115-150799	Sequence 985, App
C 214	49.2	5.5	538	9	US-10-425-115-162326	Sequence 162326, App	287	48.2	5.4	1118	7	US-10-264-237-985	Sequence 1, App
C 215	49.2	5.5	604	3	US-09-925-301-275	Sequence 275, App	288	48.2	5.4	1118	7	US-10-264-237-985	Sequence 1, App
C 216	49.2	5.5	1755	7	US-10-159-563-266	Sequence 266, App	289	48.2	5.4	2826	10	US-10-362-332-1	Sequence 5924, App
C 217	49.2	5.5	1755	10	US-10-947-249-143	Sequence 143, App	290	48.2	5.4	196	9	US-10-357-930-59024	Sequence 59024, App
C 218	49.2	5.5	1920	8	US-10-437-963-82408	Sequence 82408, App	291	48	5.4	371	3	US-09-770-791-455	Sequence 345, App
C 219	49	5.5	447	9	US-10-425-115-115729	Sequence 115729, App	292	48	5.4	403	3	US-10-425-115-182281	Sequence 182281, App
C 220	49	5.5	834	6	US-10-425-115-21126	Sequence 21126, App	293	48	5.4	465	3	US-09-918-995-11830	Sequence 11830, App
C 221	49	5.5	1280	6	US-10-091-458-23	Sequence 23, App	294	48	5.4	469	3	US-09-918-995-12374	Sequence 32374, App
C 222	49	5.5	1280	7	US-10-411-120-16	Sequence 16, App	295	48	5.4	541	10	US-10-956-157-3557	Sequence 3557, App
C 223	49	5.5	1280	7	US-10-191-254-23	Sequence 23, App	296	48	5.4	541	10	US-10-956-157-8792	Sequence 8792, App
C 224	49	5.5	1663	3	US-09-925-301-449	Sequence 449, App	297	48	5.4	545	6	US-10-106-698-1712	Sequence 1712, App
C 225	49	5.5	2211	3	US-09-764-875-139	Sequence 139, App	298	48	5.4	600	10	US-10-956-157-7829	Sequence 7829, App
C 226	49	5.5	2322	3	US-09-925-302-257	Sequence 257, App	299	48	5.4	602	9	US-10-370-715B-283	Sequence 283, App
C 227	49	5.5	2322	3	US-09-925-302-257	Sequence 257, App	300	48	5.4	672	15	US-11-077-586-7	Sequence 7, App
C 228	49	5.5	3275	3	US-09-738-973-151	Sequence 151, App	301	48	5.4	672	10	US-10-956-157-143	Sequence 143, App
C 229	49	5.5	3275	3	US-09-854-133-151	Sequence 151, App	302	48	5.4	672	10	US-10-956-157-5378	Sequence 5378, App
C 230	49	5.5	3275	6	US-10-144-649A-151	Sequence 151, App	303	48	5.4	995	6	US-10-050-882-34	Sequence 34, App
C 231	49	5.5	3600	10	US-10-887-553A-777	Sequence 777, App	304	48	5.4	995	10	US-10-963-903-34	Sequence 34, App
C 232	49	5.5	11670	7	US-10-240-452-25	Sequence 25, App	305	48	5.4	1466	3	US-09-925-300-331	Sequence 331, App
C 233	48.8	5.5	139	8	US-10-242-535A-20914	Sequence 20914, A	306	48	5.4	1545	9	US-10-425-115-132037	Sequence 132037, App
C 234	48.8	5.5	139	8	US-10-085-783A-20914	Sequence 20914, A	307	48	5.4	1548	9	US-10-751-736-57	Sequence 57, App
C 235	48.8	5.5	445	3	US-09-918-995-32763	Sequence 32763, A	308	48	5.4	2255	10	US-10-956-157-2594	Sequence 2594, App

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OM nucleic - nucleic search, using sw model

Run on: June 12, 2006, 18:38:31 ; Search time 5166 Seconds

(without alignments)
9666.272 Million cell updates/sec

Title: US-09-989-730-400

Perfect score: 893

Sequence: 1 gtcacgcagcgcgcgcgcctc.....aaaaaaaaaaaaaaaaaaaaa 893

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 48236798 seqs, 2795965780 residues

Total number of hits satisfying chosen parameters: 96473596

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database :
EST:
1: gb_est1.*
2: gb_est3.*
3: gb_est4.*
4: gb_est5.*
5: gb_est6.*
6: gb_est7.*
7: gb_est8.*
8: gb_est9.*
9: gb_est10.*
10: gb_est11.*
11: gb_est12.*
12: gb_est13.*
13: gb_est14.*
14: gb_est15.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	665.4	74.5	736	1	AV655891 AV655891
2	628.6	70.5	738	2	BI832620 603081987
3	585	65.5	585	1	AV718605 AV718605
4	584	65.4	600	14	AV414852 Homo sapi
5	563.6	63.1	587	3	BP16755 BP16755
6	563.4	63.1	672	3	BO002776 UI-H-EII-
7	505.2	56.6	638	1	AV690404 AV690404
8	470.4	52.7	472	1	AV719284 AV719284
9	453.6	50.8	682	1	AV720179 AV720179
10	421.4	47.2	1150	10	DV790663 HW Liver
11	410.8	46.0	414	1	AV656411 AV656411
12	402.6	45.1	797	5	CK791522 AGENCOURT
13	396.4	44.4	398	1	AV654765 AV654765
14	396.4	44.4	398	1	AV656119 AV656119
15	395	44.2	439	1	A1850351 wpi0a05.x
16	387.4	43.4	462	1	AA923549 O183d07.8
17	381	42.7	571	4	CB438573 687223 MA
18	367.4	41.1	399	1	AV697855 AV697855
19	364.8	40.9	377	7	BF511595 UI-H-BI4-

20	364.6	40.8	616	4	CB438718	CB438718 687607 MA
21	364.4	40.8	569	4	CB431863	CB431863 607948 MA
22	361.6	40.5	600	14	AY414854	AY414854 Mus muscu
23	347.8	38.9	660	2	BI148948	BI148948 60290947
24	346.4	38.8	591	1	AA764485	AA764485 v098b06.x
25	341.8	38.3	775	3	BQ201125	BQ201125 UI-R-DQ1-
26	340.2	38.1	596	1	AM018608	AM018608 AM018608
27	334.4	37.4	465	9	DN335817	DN335817 LIB3187-0
28	330	37.0	529	4	EX524560	EX524560 EX524560
29	316.6	35.5	536	4	CB536381	CB536381 776355 MA
30	307.6	34.4	557	8	CO704052	CO704052 DG32-2721
31	300	33.6	694	2	BI274505	BI274505 UI-R-CW0-
32	299.2	33.5	532	9	DA639894	DA639894 DA639894
33	298.4	33.4	587	1	AM017791	AM017791 AM017791
34	293	32.1	713	2	BI282731	BI282731 UI-R-CW08
35	293	32.1	505	8	CO708076	CO708076 DG32-97H6
36	287	32.1	691	2	BI282996	BI282996 UI-R-CW08
37	284.4	31.8	303	14	AY414853	AY414853 Pan trogl
38	283.4	31.7	547	9	DB321291	DB321291 DB321291
39	281	31.5	561	8	CO704516	CO704516 DG32-283a
40	268.4	30.1	553	2	BM122014	BM122014 L0504D12-
41	255.6	28.6	428	1	AA060979	AA060979 mJ86h05.x
42	250	28.0	503	3	BQ553785	BQ553785 H4024C05-
43	211.2	23.7	454	1	AA000910	AA000910 mg38d04.x
44	206.6	23.1	510	2	BG371596	BG371596 UI-R-CW0-
45	191.6	21.5	282	9	DN131081	DN131081 1147696 M
46	191	21.4	335	9	DN131432	DN131432 1146080 M
47	171.2	19.2	345	1	AA914366	AA914366 vY94c07.x
48	168.8	18.9	782	8	CO558076	CO558076 AGENCOURT
49	164.4	18.4	432	2	BI287463	BI287463 UI-R-CW08
50	164.4	18.4	432	2	BM387949	BM387949 UI-R-CW08
51	153.6	17.2	759	3	BQ195118	BQ195118 UI-R-CW0-
52	152.4	17.1	594	14	CT452327	CT452327 Sus scrofa
53	132.6	14.8	321	8	CO705307	CO705307 DG32-3000
54	127	14.2	267	1	AA711782	AA711782 vU58h04.x
55	121	13.5	279	1	AA244881	AA244881 mx25c02.x
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57	116.8	13.1	304	4	BK637668	BK637668 BK637668
58	101	11.5	287	8	CO702872	CO702872 DG32-245b
59	94	10.3	484	11	AZ035033	AZ035033 RPCI-23-3
60	91.6	10.3	333	3	BQ553786	BQ553786 H4024C05-
61	68.6	7.7	342	12	CG540642	CG540642 OSTF32814
62	66.6	7.5	633	2	BG711436	BG711436 PDLIN PK0
63	58.2	6.5	792	4	BK078171	BK078171 BK078171
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65	57.4	6.4	899	14	AG519381	AG519381 Mus muscu
66	56.8	6.4	399	5	CJ225044	CJ225044 Mus muscu
67	56.4	6.3	217	6	AK213926	AK213926 Mus muscu
68	56.4	6.3	217	6	AK214179	AK214179 Mus muscu
69	56.4	6.3	416	7	BF443485	BF443485 260983 MA
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72	56	6.3	342	7	AW262767	AW262767 xq94f12.x
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76	55.6	6.2	479	8	CO877148	CO877148 Bovenen_05
77	55.6	6.2	601	10	DV858295	DV858295 col1555 C
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81	55	6.2	454	5	CP335648	CP335648 JMT--05-G
82	55	6.2	481	9	CK847084	CK847084 JMT--05-G
83	55	6.2	695	8	EX261232	EX261232 1314741 N
84	55	6.2	1354	14	DU800408	DU800408 1V01 fp00
85	54.8	6.1	193	9	DR158310	DR158310 HESG2 88
86	54.8	6.1	468	2	BI492374	BI492374 df23d03.w
87	54.8	6.1	652	4	EX356414	EX356414 BX69414
88	54.6	6.1	589	4	CA388434	CA388434 670751 NC
89	54.6	6.1	1133	3	CK019671	CK019671 AGENCOURT
90	54.6	6.1	1353	10	DV790650	DV790650 HW Liver
91	54.4	6.1	165	1	A1362525	A1362525 qu66e01.x
92	54.4	6.1	204	8	CX217763	CX217763 MNS32093

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94	54.4	6.1	248	2	BM544141	167	52.2	5.8	278	10	DV862057	DV862057 CRP1788 C
95	54.4	6.1	261	9	DN877206	168	52.2	5.8	298	8	CV986887	CV986887 IVS9A12.B
96	54.4	6.1	569	4	CB053158	169	52.2	5.8	303	5	CK405726	CK405726 AUF IFSPN
97	54.4	6.1	613	3	BO390353	170	52.2	5.8	316	7	AM026700	AM026700 wv15h07.x
98	54.4	6.1	925	14	CNS0091P	171	52.2	5.8	375	4	CB053359	CB053359 NISC g113
99	54	6.0	518	9	CK699948	172	52.2	5.8	610	8	CV259495	CV259495 WS02011.B
100	53.8	6.0	193	5	CK382253	173	52.2	5.8	610	10	DT521969	DT521969 WS02015.B
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102	53.8	6.0	401	5	CF280240	175	52.2	5.8	1023	7	BF311925	BF311925 601897766
103	53.8	6.0	622	10	DT486088	176	52.2	5.8	1057	4	CB572213	CB572213 AGENCOURT
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106	53.6	6.0	1356	10	DV797553	179	52	5.8	172	5	CD678871	CD678871 hg01d06.y
107	53.6	6.0	1603	2	BI519227	180	52	5.8	172	5	AA814691	AA814691 043e12.s
108	53.4	6.0	149	5	CK375293	181	52	5.8	183	3	BX561167	BX561167 UI-HF-CB0
109	53.4	6.0	190	1	AI952302	182	52	5.8	411	5	CF140163	CF140163 JGI-XZG56
110	53.4	6.0	265	1	AI357902	183	52	5.8	430	9	CK455554	CK455554 JGI-XZG56
111	53.4	6.0	502	8	CV876808	184	52	5.8	444	9	CR524653	CR524653 DKFZp4701
112	53.4	6.0	526	10	DV854149	185	52	5.8	464	9	DN356616	DN356616 LIB3626-0
113	53.4	6.0	579	3	BO397608	186	52	5.8	564	9	DN876762	DN876762 nae08e06.
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116	53.4	6.0	1296	10	CF314238	189	52	5.8	860	3	BU946090	BU946090 AGENCOURT
117	53.2	6.0	157	5	DV783870	190	52	5.8	937	10	DV921095	DV921095 LB022923.C
118	53.2	6.0	316	8	CR581975	191	52	5.8	1055	10	DM616021	DM616021 CLJ2290-B0
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120	53.2	6.0	579	3	BU778818	193	51.8	5.8	268	7	AM411026	AM411026 FH09h08.y
121	53.2	6.0	621	9	DN889777	194	51.8	5.8	273	7	BE666651	BE666651 158536 MA
122	53.2	6.0	729	10	DV770951	195	51.8	5.8	304	8	CO524877	CO524877 3530 1.16
123	53.2	6.0	1002	10	DT775783	196	51.8	5.8	419	2	BG650361	BG650361 saad05f09.
124	53	5.9	406	2	BG835099	197	51.8	5.8	421	8	CO896354	CO896354 saad05f09.
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126	53	5.9	1039	9	DN569898	199	51.8	5.8	594	8	CV995026	CV995026 LCP804EX0
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129	52.8	5.9	229	1	AI269696	202	51.8	5.8	855	2	BI918037	BI918037 603181907
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136	52.8	5.9	407	4	CB824879	209	51.6	5.8	349	9	CA337102	CA337102 NISC 1Y09
137	52.8	5.9	462	7	BE236422	210	51.6	5.8	355	7	AM078770	AM078770 XD34B11.x
138	52.8	5.9	622	10	DT480810	211	51.6	5.8	356	4	CB813473	CB813473 AGENCUDC:N
139	52.8	5.9	837	11	BH160316	212	51.6	5.8	369	1	AI682387	AI682387 wC52f01.x
140	52.6	5.9	158	2	BM269815	213	51.6	5.8	373	7	AM131065	AM131065 xF57a02.x
141	52.6	5.9	277	3	BM300558	214	51.6	5.8	397	7	BE722900	BE722900 193138 MA
142	52.6	5.9	294	2	BI944649	215	51.6	5.8	397	8	CO896279	CO896279 Bowgen_24
143	52.6	5.9	362	2	BI535785	216	51.6	5.8	405	5	CK626288	CK626288 mJ20C01.y
144	52.6	5.9	364	2	BI535776	217	51.6	5.8	481	8	CK200884	CK200884 MNS01973
145	52.6	5.9	387	9	DN875258	218	51.6	5.8	489	1	AI977440	AI977440 EST72034
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147	52.6	5.9	635	4	BX297181	220	51.6	5.8	515	9	DN880081	DN880081 nae01g05.
148	52.6	5.9	638	4	BX489642	221	51.6	5.8	517	5	CF321418	CF321418 hdd-12-K1
149	52.6	5.9	573	6	CR749525	222	51.6	5.8	537	4	CA722813	CA722813 wdb1c.pko
150	52.4	5.9	181	10	DR888183	223	51.6	5.8	538	3	BO397543	BO397543 NISC ng28
151	52.4	5.9	231	10	CN227539	224	51.6	5.8	558	3	BO388769	BO388769 NISC mg03
152	52.4	5.9	235	10	DT424858	225	51.6	5.8	611	16	AB225597	AB225597 ASPE87411
153	52.4	5.9	262	7	BE532621	226	51.6	5.8	648	9	CV983913	CV983913 JGI-CAAP1
154	52.4	5.9	373	7	AM189148	227	51.6	5.8	719	10	DV794333	DV794333 HW_LOIN_4
155	52.4	5.9	390	1	AI338212	228	51.6	5.8	777	14	AG530554	AG530554 Mus muscu
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157	52.4	5.9	463	5	CK609197	230	51.6	5.8	1172	5	CD522668	CD522668 AGENCOURT
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161	52.4	5.9	643	7	BE532839	234	51.4	5.8	392	7	BE638645	BE638645 946012B05
162	52.4	5.9	786	4	BX082058	235	51.4	5.8	447	7	AM088521	AM088521 xdl10c12.x
163	52.4	5.9	994	10	DT780532	236	51.4	5.8	449	14	BI539040	BI539040 451175 MA
164	52.2	5.8	186	5	CF622081	237	51.4	5.8	449	14	CNS03DAK	AL238853 Tetradon
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Pred. NO. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	56.4	6.3	11978	7	US-11-257-851A-63 Sequence 63, Appl Sequence 15742, A
C 2	50.8	5.7	989	6	US-10-953-349-15742 Sequence 646, App Sequence 33745, A
C 3	49.6	5.6	4692	6	US-10-511-937-646 Sequence 168, Appl Sequence 26, Appl
C 4	47.8	5.4	1907	6	US-10-953-349-33745 Sequence 37161, A Sequence 2977, App
C 5	47.2	5.3	1450	7	US-11-145-307A-168 Sequence 703, App Sequence 2836, App
C 6	46.8	5.2	1116	6	US-10-953-349-37161 Sequence 2899, App Sequence 14397, A
C 7	46.4	5.2	1116	6	US-10-488-619-2977 Sequence 29485, A Sequence 14, Appl
C 8	46.2	5.2	286	6	US-10-505-928-703 Sequence 215, App Sequence 95, Appl
C 9	45.4	5.1	1875	6	US-10-511-937-2836 Sequence 28604, A Sequence 307, App
C 10	45.4	5.1	1875	6	US-10-511-937-2836 Sequence 595, App Sequence 29850, A
C 11	45.2	5.1	452	6	US-10-953-349-2899 Sequence 409, App Sequence 22, Appl
C 12	45.2	5.1	1316	6	US-10-953-349-1316 Sequence 451, App Sequence 509, App
C 13	45.2	5.1	2772	6	US-11-302-678-43 Sequence 29485, A Sequence 14, Appl
C 14	45.2	5.1	1199	6	US-10-953-349-29485 Sequence 215, App Sequence 95, Appl
C 15	45	5.0	1820	7	US-11-316-907-14 Sequence 215, App Sequence 95, Appl
C 16	44.8	5.0	3107	7	US-11-293-697-215 Sequence 215, App Sequence 95, Appl
C 17	44.6	5.0	1073	7	US-11-101-316-95 Sequence 215, App Sequence 95, Appl
C 18	44.4	5.0	1173	6	US-10-953-349-28604 Sequence 215, App Sequence 95, Appl
C 19	44.4	5.0	1321	6	US-10-505-928-307 Sequence 215, App Sequence 95, Appl
C 20	44.4	5.0	1424	6	US-10-511-937-595 Sequence 215, App Sequence 95, Appl
C 21	44.2	4.9	719	6	US-10-953-349-29850 Sequence 215, App Sequence 95, Appl
C 22	44.2	4.9	1909	6	US-10-511-937-409 Sequence 215, App Sequence 95, Appl
C 23	44.2	4.9	2452	7	US-11-242-505A-22 Sequence 215, App Sequence 95, Appl
C 24	44.2	4.9	3021	7	US-11-181-115-9 Sequence 215, App Sequence 95, Appl
C 25	43.6	4.9	422	6	US-10-488-619-451 Sequence 215, App Sequence 95, Appl
C 26	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 27	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 28	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 29	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 30	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 31	43.6	4.9	1406	6	US-10-511-937-509 Sequence 215, App Sequence 95, Appl
C 32	43.6	4.9	1475	7	US-11-313-836-31 Sequence 31, Appl Sequence 424, App
C 33	43.6	4.9	1705	6	US-10-511-937-424 Sequence 287, App Sequence 470, App
C 34	43.6	4.9	1865	6	US-10-505-928-287 Sequence 2492, App Sequence 11, Appl
C 35	43.6	4.9	2781	6	US-10-511-937-470 Sequence 8991, App Sequence 36708, A
C 36	43.4	4.9	300	1	US-09-949-925-11 Sequence 2664, App Sequence 14, Appl
C 37	43.4	4.9	1079	1	US-09-949-925-11 Sequence 14, Appl Sequence 60, App
C 38	43.4	4.9	1569	6	US-10-953-349-8991 Sequence 37437, A Sequence 48, Appl
C 39	43.4	4.9	1687	6	US-10-953-349-8991 Sequence 415, App Sequence 152, App
C 40	43.4	4.9	1824	6	US-10-953-349-8991 Sequence 2664, App Sequence 14, Appl
C 41	43.4	4.9	2150	6	US-10-528-032-14 Sequence 14, Appl Sequence 60, App
C 42	43.2	4.8	200	6	US-10-511-937-601 Sequence 37437, A Sequence 48, Appl
C 43	43.2	4.8	1106	7	US-10-953-349-37437 Sequence 415, App Sequence 152, App
C 44	43.2	4.8	1587	7	US-11-145-307A-48 Sequence 415, App Sequence 152, App
C 45	43.2	4.8	1820	1	US-09-949-925-35 Sequence 415, App Sequence 152, App
C 46	43.2	4.8	1820	1	US-09-949-925-35 Sequence 415, App Sequence 152, App
C 47	43.2	4.8	2025	6	US-10-511-937-414 Sequence 415, App Sequence 152, App
C 48	43.2	4.8	2205	6	US-10-953-349-9921 Sequence 415, App Sequence 152, App
C 49	43.2	4.8	2261	6	US-10-511-937-415 Sequence 415, App Sequence 152, App
C 50	43.2	4.8	539	7	US-11-145-307A-152 Sequence 415, App Sequence 152, App
C 51	43.2	4.8	1500	7	US-11-145-307A-260 Sequence 415, App Sequence 152, App
C 52	43.2	4.8	1670	6	US-10-511-937-449 Sequence 415, App Sequence 152, App
C 53	43.2	4.8	1670	6	US-10-511-937-449 Sequence 415, App Sequence 152, App
C 54	43.2	4.8	1670	6	US-10-511-937-449 Sequence 415, App Sequence 152, App
C 55	43.2	4.8	2442	6	US-10-953-349-35802 Sequence 415, App Sequence 152, App
C 56	42.8	4.8	444	6	US-10-488-619-1317 Sequence 415, App Sequence 152, App
C 57	42.8	4.8	1007	6	US-10-953-349-15514 Sequence 415, App Sequence 152, App
C 58	42.8	4.8	138	6	US-10-488-619-1225 Sequence 415, App Sequence 152, App
C 59	42.6	4.8	1217	6	US-10-953-349-29409 Sequence 415, App Sequence 152, App
C 60	42.6	4.8	1353	7	US-11-301-554-1873 Sequence 415, App Sequence 152, App
C 61	42.6	4.8	1628	6	US-10-953-349-28506 Sequence 415, App Sequence 152, App
C 62	42.6	4.8	1837	6	US-10-953-349-38337 Sequence 415, App Sequence 152, App
C 63	42.6	4.8	1837	6	US-10-953-349-38337 Sequence 415, App Sequence 152, App
C 64	42.6	4.8	1837	6	US-10-953-349-38337 Sequence 415, App Sequence 152, App
C 65	42.6	4.8	1837	6	US-10-953-349-38337 Sequence 415, App Sequence 152, App
C 66	42.6	4.8	1837	6	US-10-953-349-38337 Sequence 415, App Sequence 152, App
C 67	42.4	4.7	229	7	US-11-301-554-195 Sequence 415, App Sequence 152, App
C 68	42.4	4.7	346	6	US-10-511-937-529 Sequence 415, App Sequence 152, App
C 69	42.4	4.7	790	6	US-10-510-162-3 Sequence 415, App Sequence 152, App
C 70	42.4	4.7	1234	7	US-11-101-316-63 Sequence 415, App Sequence 152, App
C 71	42.4	4.7	1911	6	US-10-953-349-33110 Sequence 415, App Sequence 152, App
C 72	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 73	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 74	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 75	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 76	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 77	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 78	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 79	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 80	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 81	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 82	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 83	42.4	4.7	2034	6	US-10-511-937-532 Sequence 415, App Sequence 152, App
C 84	42.2	4.7	1673	7	US-11-311-754-1 Sequence 415, App Sequence 152, App
C 85	42.2	4.7	1673	7	US-11-311-754-1 Sequence 415, App Sequence 152, App
C 86	42.2	4.7	1673	7	US-11-311-754-1 Sequence 415, App Sequence 152, App
C 87	42.2	4.7	1673	7	US-11-311-754-1 Sequence 415, App Sequence 152, App
C 88	42.2	4.7	1673	7	US-11-311-754-1 Sequence 415, App Sequence 152, App
C 89	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 90	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 91	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 92	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 93	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 94	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 95	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 96	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 97	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 98	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 99	41.8	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 100	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 101	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 102	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 103	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 104	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 105	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 106	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 107	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 108	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 109	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App
C 110	41.6	4.7	1395	6	US-10-953-349-36407 Sequence 415, App Sequence 152, App

111	41.6	4.7	2700	7	US-11-315-766-23	Sequence 23, Appl	194	40.2	4.5	762	6	US-10-953-349-10826	Sequence 30826, A
112	41.6	4.7	4235	7	US-11-301-554-317	Sequence 317, App	195	40.2	4.5	1178	6	US-10-953-349-10192	Sequence 10192, A
113	41.4	4.6	414	6	US-10-511-937-497	Sequence 497, App	196	40.2	4.5	1203	6	US-10-953-349-16637	Sequence 16637, A
114	41.4	4.6	617	6	US-10-953-349-31813	Sequence 31813, A	197	40.2	4.5	1303	6	US-10-953-349-83077	Sequence 83077, A
115	41.4	4.6	659	6	US-10-953-349-37474	Sequence 37474, A	199	40.2	4.5	1672	7	US-11-101-316-17	Sequence 17, Appl
116	41.4	4.6	1273	6	US-10-953-349-30838	Sequence 30838, A	200	40.2	4.5	1993	6	US-10-953-349-26642	Sequence 26642, A
117	41.4	4.6	1456	6	US-10-953-349-30078	Sequence 30078, A	201	40.2	4.5	2116	7	US-11-258-360-3	Sequence 3, Appl1
118	41.4	4.6	1915	6	US-11-145-307A-193	Sequence 193, App	202	40.2	4.5	2226	6	US-10-560-723-84	Sequence 84, Appl1
119	41.4	4.6	2040	6	US-10-953-349-37996	Sequence 37996, A	203	40.2	4.5	2272	6	US-10-953-349-37381	Sequence 37381, A
120	41.4	4.6	2530	6	US-10-511-937-354	Sequence 354, App	204	40.2	4.5	2279	7	US-11-208-544-3	Sequence 3, Appl1
121	41.4	4.6	2530	6	US-11-145-307A-70	Sequence 70, Appl	205	40.2	4.5	2335	7	US-11-293-697-1872	Sequence 1872, Ap
122	41.4	4.6	2821	7	US-11-301-554-1669	Sequence 1669, Ap	206	40.2	4.5	2491	7	US-11-293-697-242	Sequence 242, App
123	41.4	4.6	3265	7	US-11-101-316-69	Sequence 69, Appl	208	40.2	4.5	2846	7	US-11-101-316-17	Sequence 37, Appl
124	41.4	4.6	3362	7	US-11-101-316-57	Sequence 57, Appl	209	40.2	4.5	4670	7	US-11-145-307A-29	Sequence 29, Appl
125	41.4	4.6	3334	6	US-10-505-928-348	Sequence 348, App	210	40.2	4.5	687	7	US-11-242-317-38	Sequence 38, Appl
126	41.4	4.6	3702	6	US-10-511-937-380	Sequence 380, App	211	40	4.5	738	6	US-10-953-349-15885	Sequence 2855, A
127	41.4	4.6	4740	6	US-10-511-937-380	Sequence 380, App	212	40	4.5	863	7	US-11-313-836-17	Sequence 37, Appl
128	41.2	4.6	431	6	US-10-488-619-1226	Sequence 1226, Ap	213	40	4.5	1068	1	US-09-949-925-70	Sequence 70, Appl
130	41.2	4.6	1041	6	US-10-953-349-21384	Sequence 21384, A	214	40	4.5	1162	6	US-10-953-349-10930	Sequence 30920, A
131	41.2	4.6	1089	1	US-09-949-925-57	Sequence 57, Appl	215	40	4.5	1168	6	US-10-505-928-808	Sequence 508, App
132	41.2	4.6	1191	6	US-10-953-349-36755	Sequence 36755, A	216	40	4.5	1189	6	US-10-953-349-26660	Sequence 26660, A
133	41.2	4.6	1734	6	US-11-101-316-51	Sequence 51, Appl	217	40	4.5	1489	7	US-11-315-766-3	Sequence 3, Appl1
134	41.2	4.6	1837	7	US-11-313-836-46	Sequence 46, Appl	218	40	4.5	1788	7	US-11-293-697-2009	Sequence 2009, Ap
135	41.2	4.6	2030	7	US-11-315-766-27	Sequence 27, Appl	219	40	4.5	1946	7	US-11-264-737-16	Sequence 16, Appl
136	41.2	4.6	2350	6	US-10-505-928-260	Sequence 260, App	220	40	4.5	1946	7	US-11-265-761-171	Sequence 371, App
138	41.2	4.6	2331	7	US-11-296-092-54	Sequence 54, Appl	221	40	4.5	1999	6	US-10-505-928-758	Sequence 758, App
140	41.2	4.6	2445	6	US-10-505-928-777	Sequence 777, App	222	40	4.5	2021	6	US-10-953-349-14571	Sequence 14571, A
142	41.2	4.6	2445	6	US-10-488-619-1278	Sequence 1278, Ap	223	40	4.5	2405	7	US-11-258-767-57	Sequence 57, Appl
143	41	4.6	728	6	US-10-488-619-1172	Sequence 1172, Ap	224	40	4.5	2901	7	US-11-303-935-4	Sequence 4, Appl1
144	41	4.6	780	6	US-10-953-349-36666	Sequence 36666, A	225	40	4.5	3331	6	US-10-953-349-8124	Sequence 8124, Ap
145	41	4.6	1379	6	US-10-511-937-506	Sequence 506, App	226	40	4.5	3851	6	US-10-505-928-330	Sequence 730, App
146	41	4.6	1435	6	US-10-953-349-38288	Sequence 38288, A	227	40	4.5	4688	7	US-11-293-697-222	Sequence 222, App
147	41	4.6	1516	6	US-10-505-928-579	Sequence 579, App	228	40	4.5	581	6	US-10-525-126-144	Sequence 144, App
148	41	4.6	1841	6	US-10-511-937-2882	Sequence 2882, Ap	229	40	4.5	644	7	US-10-953-349-76639	Sequence 37649, A
149	41	4.6	1842	6	US-10-953-349-3324	Sequence 3324, A	230	39.8	4.5	1041	6	US-11-101-316-55	Sequence 55, Appl
150	41	4.6	499	7	US-11-249-305-9	Sequence 9, Appl1	232	39.8	4.5	1485	6	US-10-953-349-9993	Sequence 9993, Ap
152	40.8	4.6	499	7	US-11-249-305-10	Sequence 10, Appl	233	39.8	4.5	1790	7	US-11-296-092-11	Sequence 31, Appl
153	40.8	4.6	499	7	US-11-249-305-11	Sequence 11, Appl	234	39.8	4.5	1896	6	US-10-953-349-66191	Sequence 26191, A
154	40.8	4.6	560	6	US-10-953-349-37522	Sequence 37522, A	235	39.8	4.5	2374	7	US-11-293-697-441	Sequence 441, App
155	40.8	4.6	1029	6	US-11-321-421-11	Sequence 11, Appl	236	39.8	4.5	2393	7	US-11-313-836-48	Sequence 48, Appl
156	40.8	4.6	1294	7	US-11-297-134-3	Sequence 3, Appl1	237	39.8	4.5	2439	6	US-10-953-349-77222	Sequence 77222, A
158	40.8	4.6	1771	7	US-11-296-092-36	Sequence 36, Appl	238	39.8	4.5	2479	7	US-11-315-766-17	Sequence 17, Appl
160	40.8	4.6	1931	1	US-09-949-925-78	Sequence 78, Appl	240	39.8	4.5	3053	7	US-11-247-437-1	Sequence 1, Appl1
161	40.8	4.6	1932	1	US-09-949-925-12	Sequence 12, Appl	241	39.6	4.4	807	6	US-10-473-173-175	Sequence 375, App
162	40.8	4.6	2046	7	US-11-315-766-5	Sequence 5, Appl1	242	39.6	4.4	807	6	US-10-953-349-36144	Sequence 36144, A
163	40.8	4.6	2379	6	US-10-370-959-75	Sequence 75, App	243	39.6	4.4	935	6	US-10-953-349-8114	Sequence 9114, Ap
164	40.8	4.6	3116	6	US-10-511-937-589	Sequence 589, App	244	39.6	4.4	1236	6	US-10-953-349-28954	Sequence 28954, A
165	40.8	4.6	1280	6	US-10-953-349-27410	Sequence 27410, A	245	39.6	4.4	1340	6	US-10-953-349-9674	Sequence 9674, Ap
167	40.6	4.5	1289	7	US-11-134-445-19	Sequence 19, Appl	248	39.6	4.4	1508	7	US-11-101-316-19	Sequence 19, Appl
168	40.6	4.5	1309	7	US-11-134-445-29	Sequence 29, Appl	250	39.6	4.4	1827	1	US-09-949-925-13	Sequence 13, Appl
169	40.6	4.5	1582	7	US-11-222-810-10	Sequence 10, Appl	251	39.6	4.4	2005	7	US-11-293-697-2225	Sequence 2225, Ap
170	40.6	4.5	1582	7	US-11-222-810-12	Sequence 12, Appl	252	39.6	4.4	2007	7	US-11-293-697-1897	Sequence 1897, Ap
171	40.6	4.5	1772	1	US-09-949-925-58	Sequence 58, Appl	253	39.6	4.4	2180	6	US-10-505-928-771	Sequence 771, App
172	40.6	4.5	1989	7	US-11-145-307A-66	Sequence 66, Appl	254	39.6	4.4	2226	7	US-11-293-697-1192	Sequence 1192, Ap
173	40.6	4.5	2023	6	US-10-953-349-31793	Sequence 31793, A	255	39.6	4.4	2319	7	US-11-311-555-17	Sequence 17, Appl
174	40.6	4.5	2263	6	US-10-953-349-37514	Sequence 37514, A	256	39.6	4.4	2319	7	US-11-311-555-17	Sequence 17, Appl
175	40.6	4.5	2263	6	US-11-293-697-164	Sequence 164, App	257	39.6	4.4	2351	7	US-11-293-697-164	Sequence 764, App
176	40.6	4.5	2572	1	US-11-293-697-1081	Sequence 1081, Ap	259	39.6	4.4	2773	7	US-11-101-316-33	Sequence 33, Appl
177	40.6	4.5	2609	7	US-11-246-999-11	Sequence 11, Appl	260	39.6	4.4	4086	7	US-11-301-554-1801	Sequence 1801, Ap
178	40.6	4.5	2861	6	US-10-953-349-7328	Sequence 7328, Ap	261	39.4	4.4	198	7	US-11-242-317-23	Sequence 23, Appl
179	40.6	4.5	359	6	US-10-511-937-634	Sequence 634, App	262	39.4	4.4	451	6	US-10-488-619-1254	Sequence 2254, Ap
180	40.4	4.5	430	6	US-10-488-619-3006	Sequence 3006, App	263	39.4	4.4	473	6	US-10-488-619-1277	Sequence 1277, App
181	40.4	4.5	683	6	US-10-953-349-37407	Sequence 37407, A	264	39.4	4.4	575	6	US-10-511-937-8890	Sequence 8890, App
182	40.4	4.5	786	1	US-09-949-925-42	Sequence 42, Appl	265	39.4	4.4	942	7	US-11-145-307A-172	Sequence 172, App
183	40.4	4.5	849	6	US-10-953-349-28437	Sequence 28437, A	266	39.4	4.4	1292	6	US-10-953-349-10637	Sequence 10637, A
184	40.4	4.5	1478	7	US-11-321-421-7	Sequence 7, Appl1	267	39.4	4.4	1315	6	US-10-953-349-16658	Sequence 36587, A
185	40.4	4.5	1550	6	US-10-524-648-31	Sequence 31, Appl	268	39.4	4.4	1348	6	US-10-953-349-18728	Sequence 18728, A
186	40.4	4.5	1596	7	US-11-313-836-40	Sequence 40, Appl	269	39.4	4.4	1560	6	US-10-953-349-18939	Sequence 38939, A
187	40.4	4.5	1658	7	US-11-101-316-59	Sequence 59, Appl	270	39.4	4.4	1764	6	US-11-312-558-27	Sequence 27, Appl
189	40.4	4.5	1696	6	US-10-953-349-11762	Sequence 11762, A	272	39.4	4.4	2537	6	US-10-505-928-149	Sequence 149, App
190	40.4	4.5	1921	6	US-10-953-349-9882	Sequence 9882, Ap	273	39.4	4.4	3726	7	US-11-145-307A-170	Sequence 170, App
191	40.4	4.5	3366	7	US-11-333-838-2	Sequence 2, Appl1	274	39.4	4.4	118899	7	US-11-189-279-64	Sequence 64, Appl
192	40.4	4.5	129	6	US-10-488-619-2835	Sequence 2835, Ap	275	39.2	4.4	111	6	US-10-488-619-1326	Sequence 1326, Ap